OIPE IAP93
DEC 16 2005
PATENT & TRADEMARK OFFICE

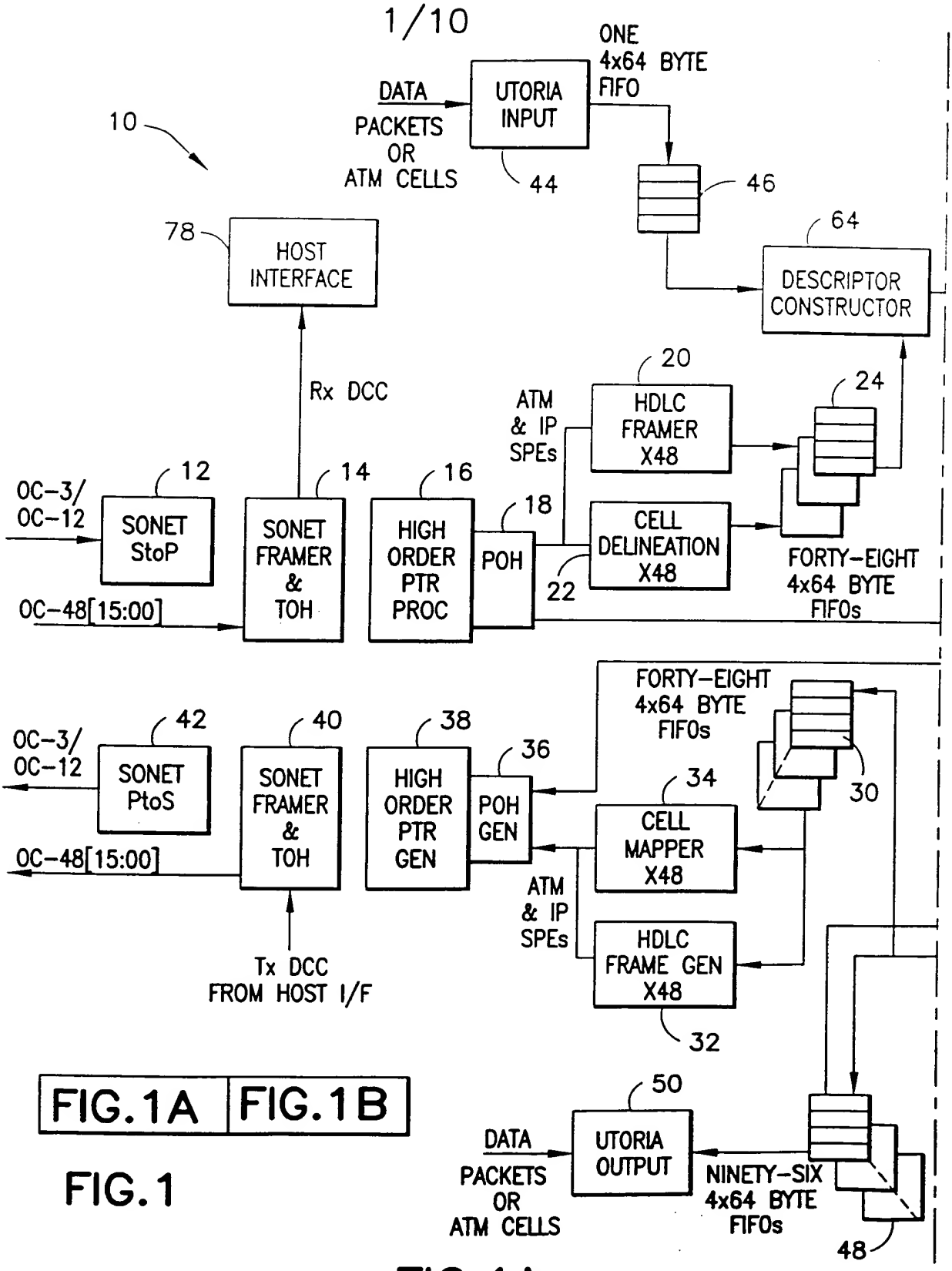

FIG.1A | FIG.1B

FIG.1

FIG.1A

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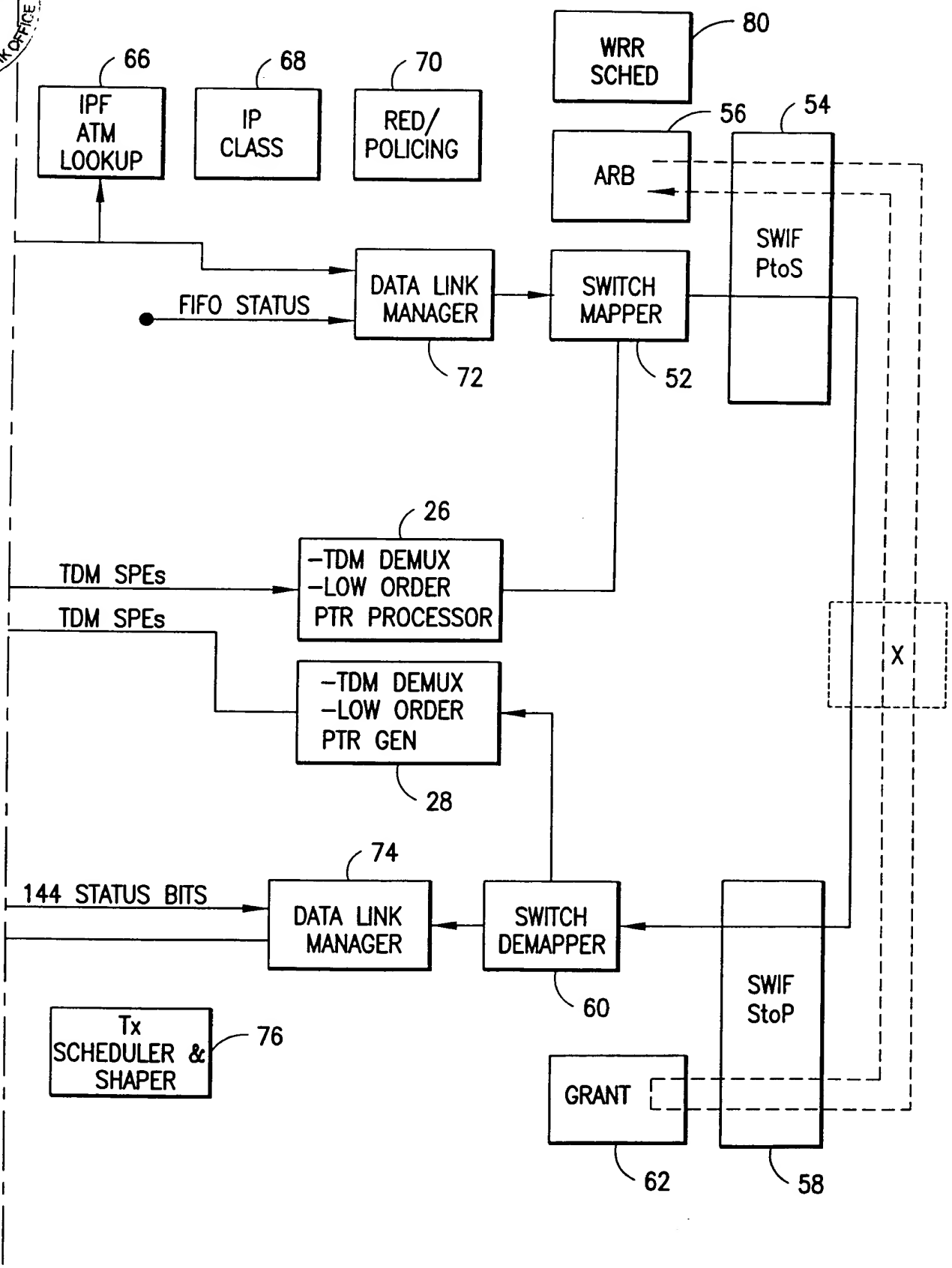

FIG.1B

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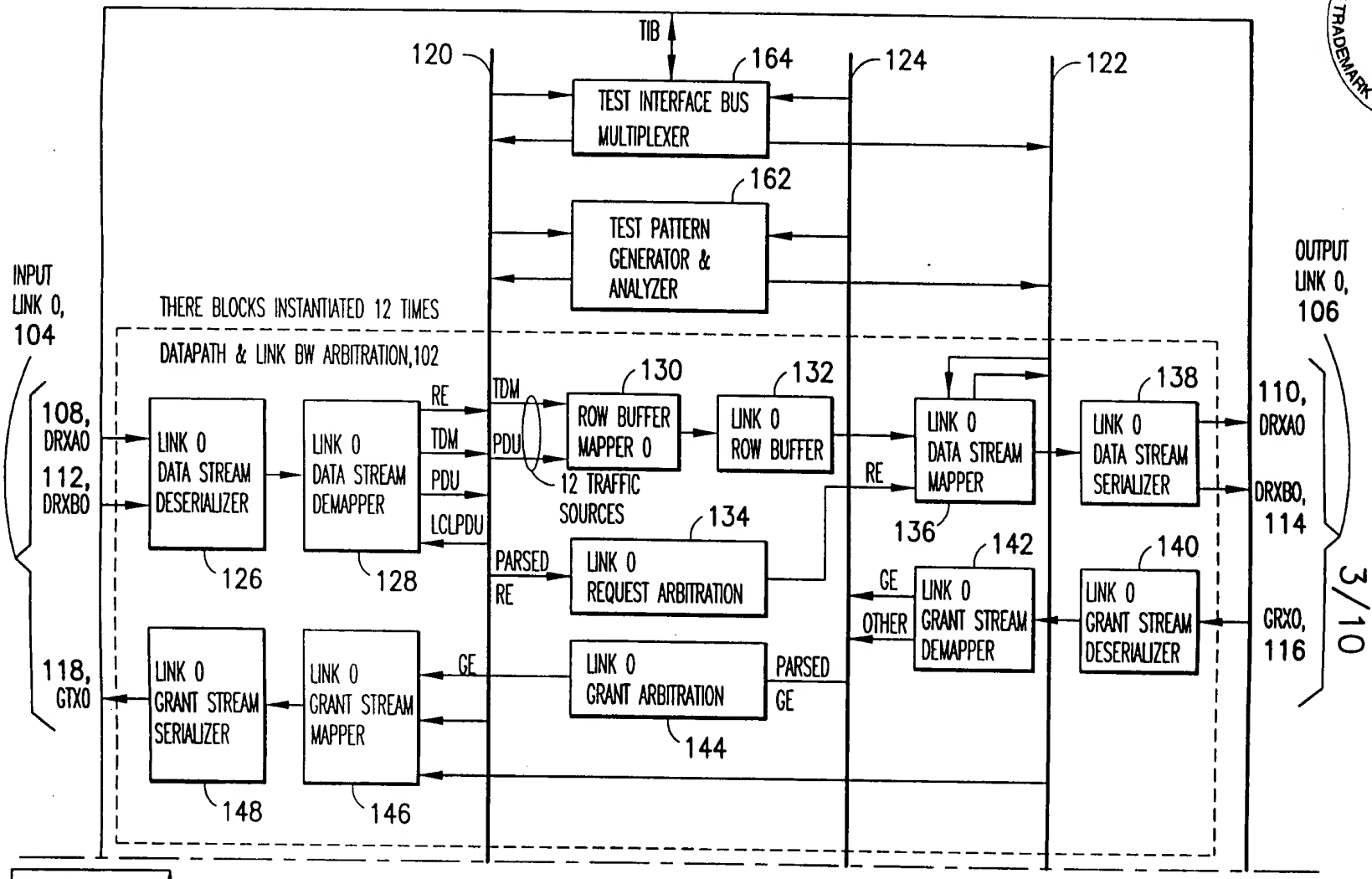

FIG.2A

FIG.2B

FIG.2

FIG.2A

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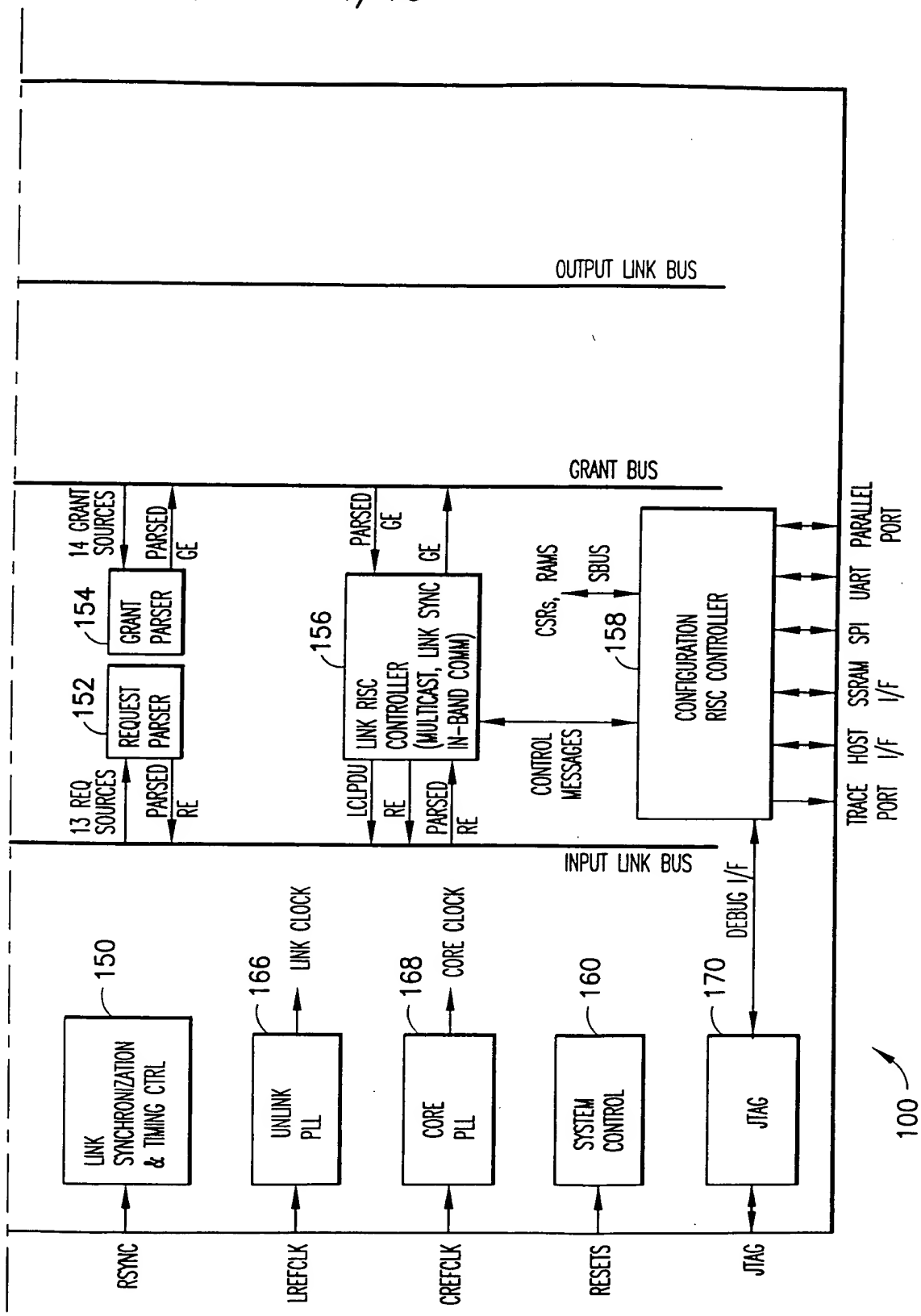

FIG.2B

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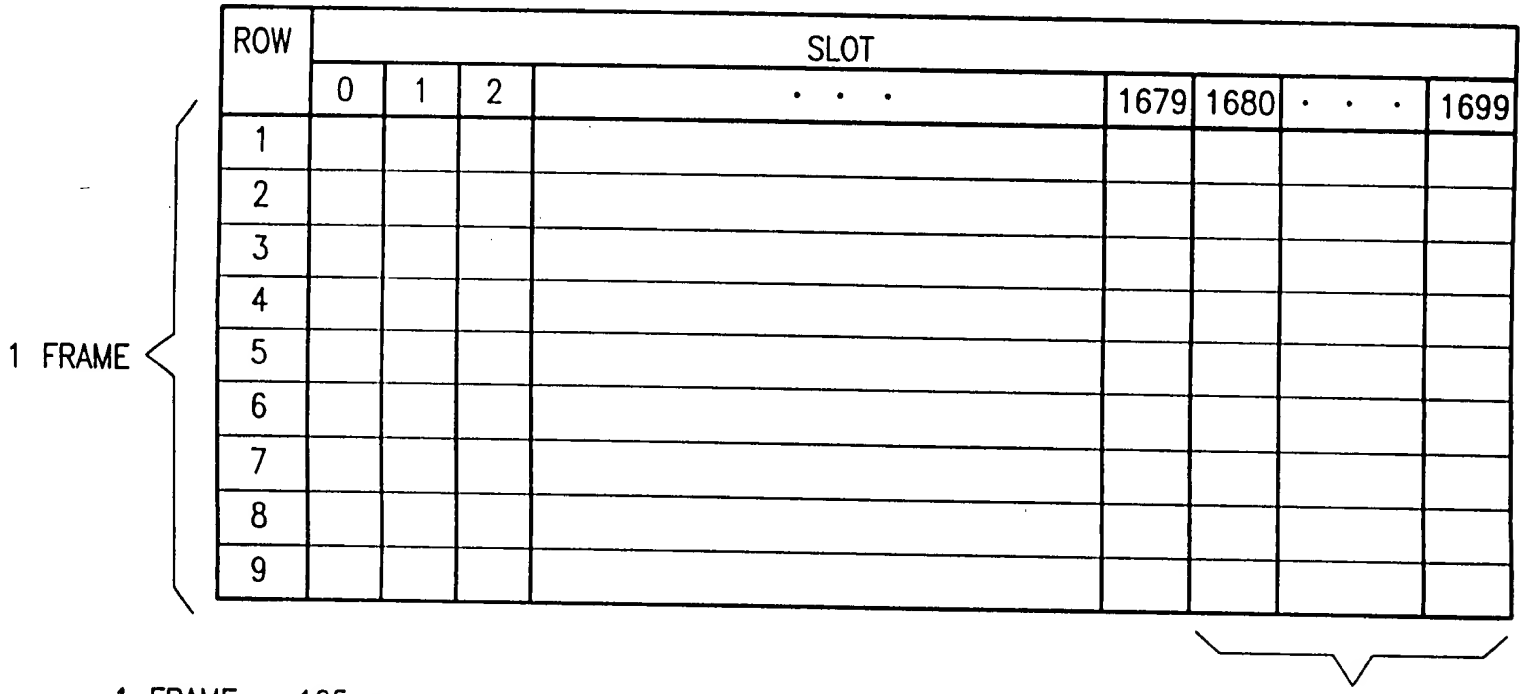

1 FRAME = 125 us
1 ROW = 125 us/9 = 13.89 us
1 SLOT = 4 BIT TAG + 32 BIT PAYLOAD
SERIAL BIT RATE = 1700 SLOTS/ROW * 36 BITS/SLOT * 9 ROWS/FRAME * 8 kHz =
= 550,800 BITS/FRAME = 4.4064 Gbps
ROW SIZE = 1700 SLOTS/ROW = 7,650 BYTES/ROW = 61,200 BITS/ROW
1 SLOT BANDWIDTH = SLOT RATE * 36 BITS/SLOT = 72 kHz * 36 = 2.592 Mbps

FIG.3

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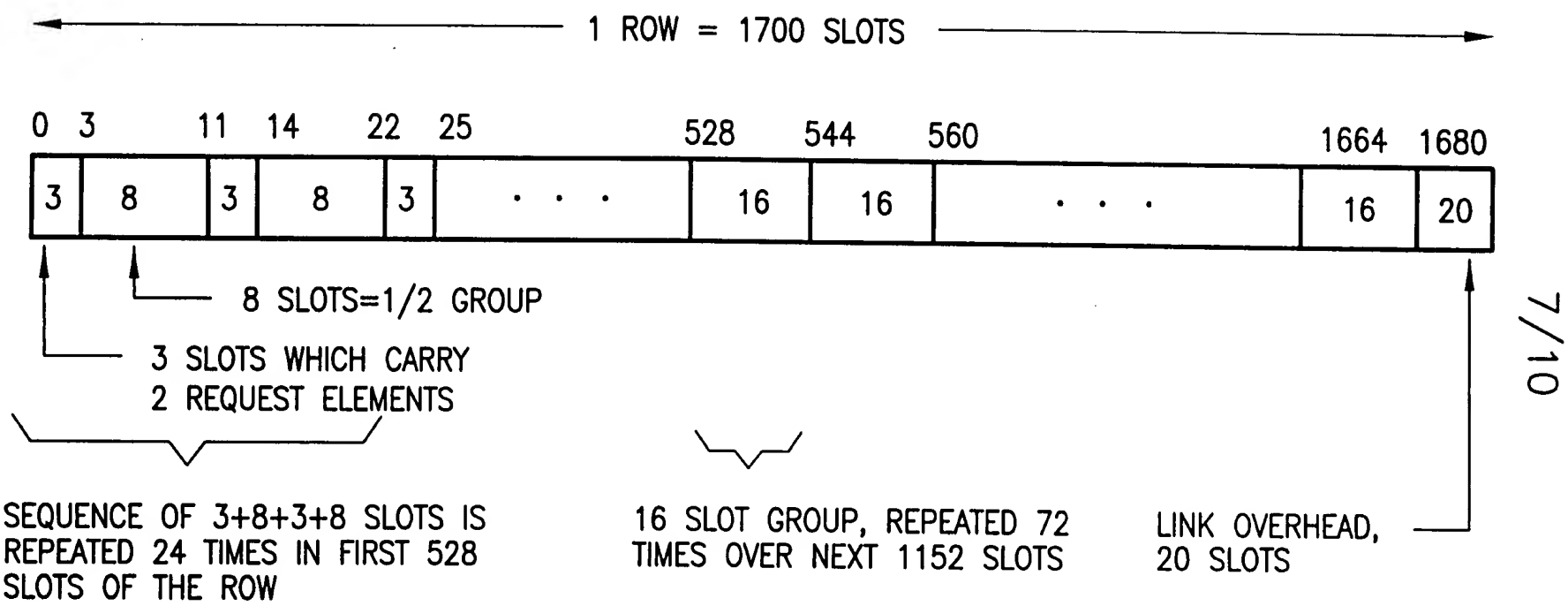
TRADEMARK

SLOT	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
0	PARITY				PDU		0	0	ROUTING TAG																													
1	PARITY				VER		VALID BYTES						VOQ ID				FRAG ID		A	FFS															SEQ #			
2	PARITY				FFS															DEST FLOW ID																	
3	PARITY				PAYLOAD BYTE 0								PAYLOAD BYTE 1								PAYLOAD BYTE 2									PAYLOAD BYTE 3							
4	PARITY				PAYLOAD BYTE 4								PAYLOAD BYTE 5								PAYLOAD BYTE 6									PAYLOAD BYTE 7							
⋮																																				
15	PARITY				PAYLOAD BYTE 48								PAYLOAD BYTE 49								PAYLOAD BYTE 50									PAYLOAD BYTE 51							

FIG.3a

PATENT & TRADEMARK OFFICE
DEC 16 2005
IAP93



TOTAL NUMBER OF GROUPS: 96

FIG.3b

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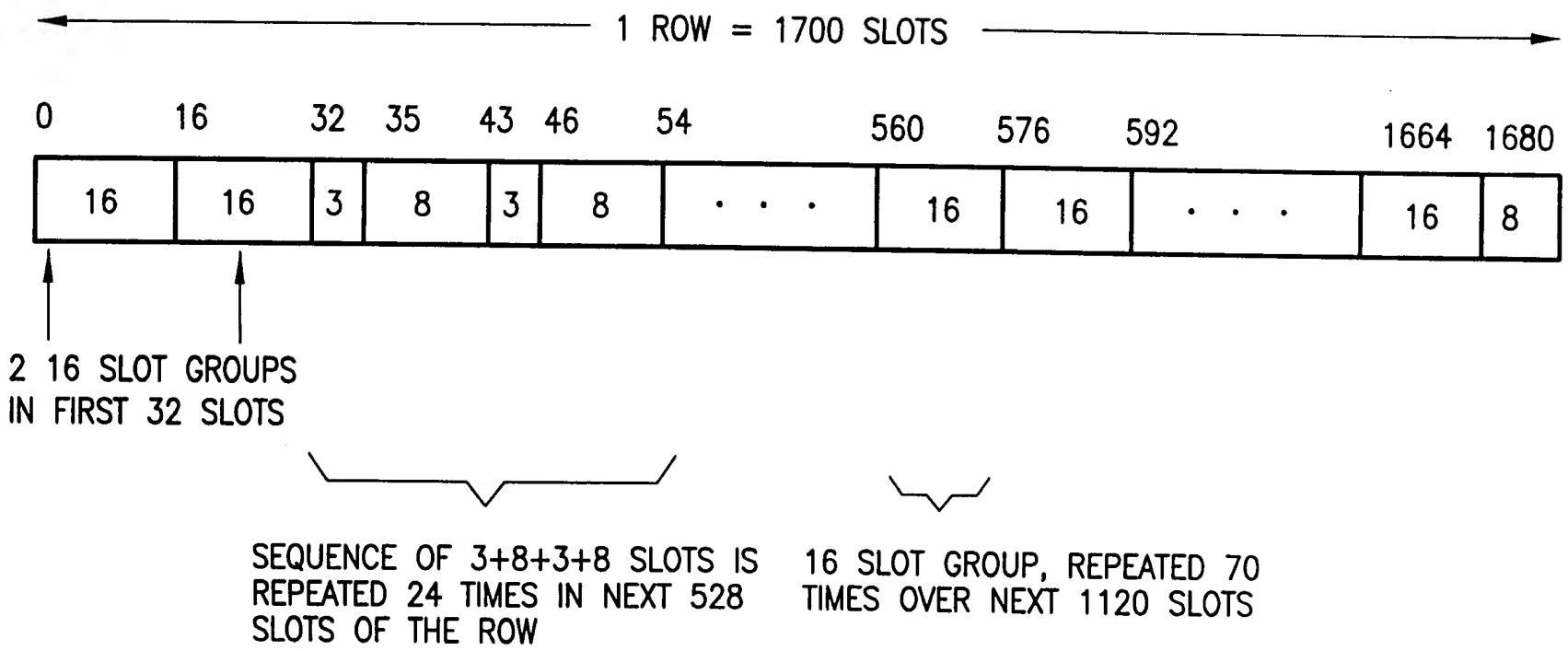

FIG.3c

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PATENT & TRADEMARK OFFICE
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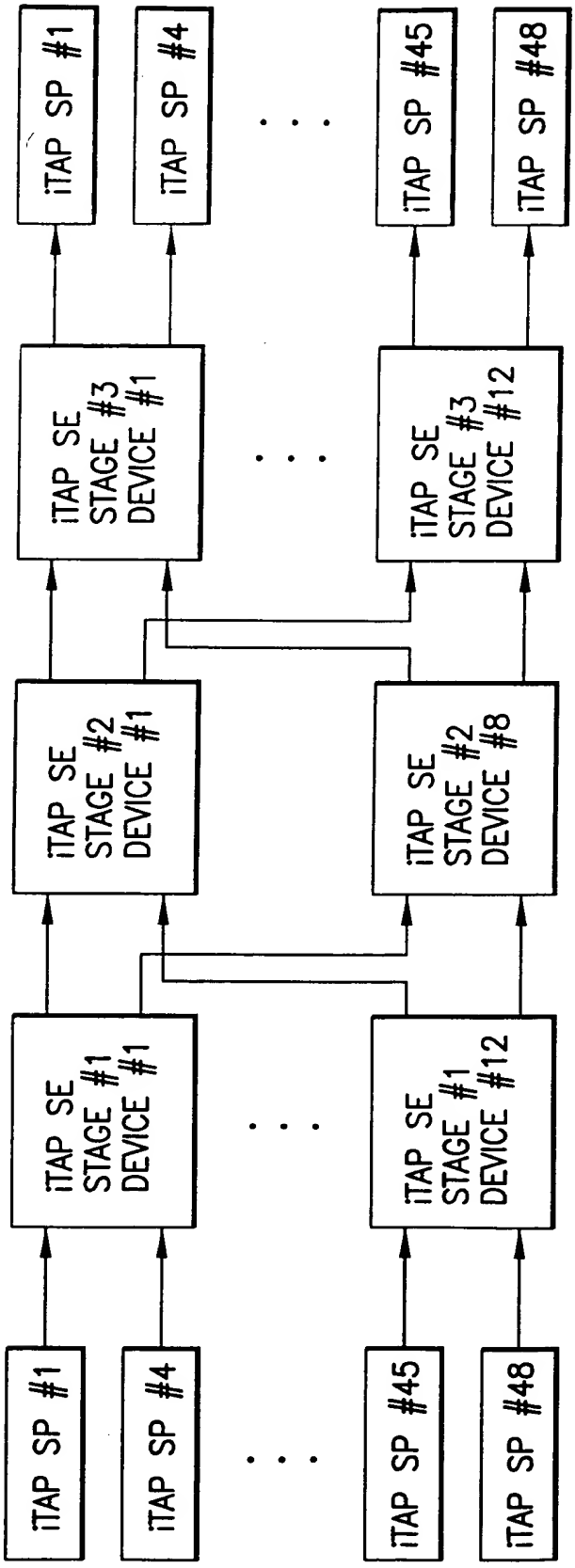

FIG.4

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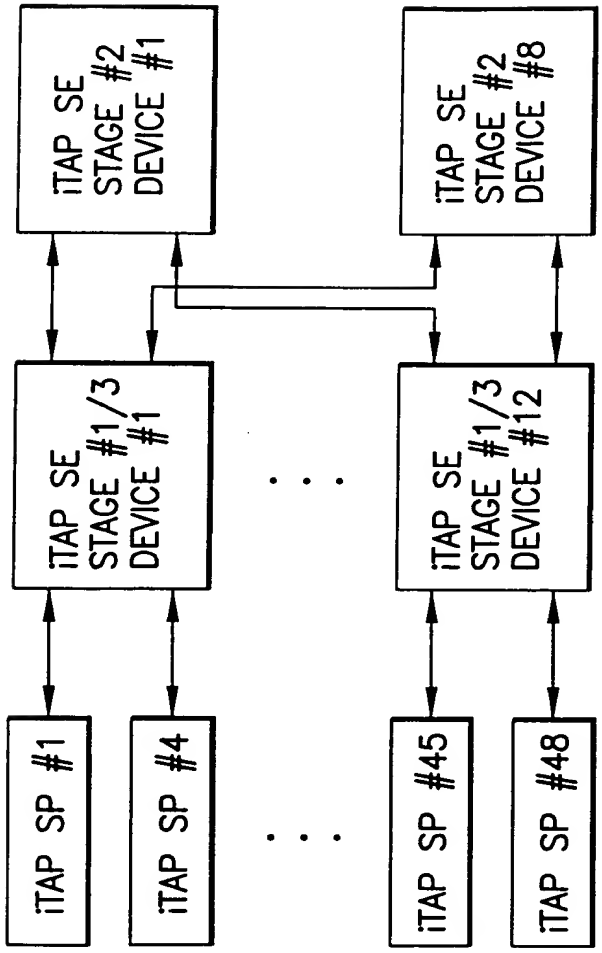

FIG.5